(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number: **0 365 200 A3**

(12) # EUROPEAN PATENT APPLICATION

(21) Application number: **89310359.8**

(51) Int. Cl.5: **H04Q 11/04**, H04M 3/42

(22) Date of filing: **10.10.89**

(30) Priority: **19.10.88 US 259939**

(43) Date of publication of application:
25.04.90 Bulletin 90/17

(84) Designated Contracting States:
BE DE ES FR GB IT NL SE

(88) Date of deferred publication of the search report:
08.01.92 Bulletin 92/02

(71) Applicant: **AMERICAN TELEPHONE AND TELEGRAPH COMPANY**
550 Madison Avenue
New York, NY 10022(US)

(72) Inventor: **Majmudar, Bhairav Ajitkumar**
218 Dow Avenue
Iselin New Jersey 08830(US)
Inventor: **Vu, Vinh Thanh**
821 Middletown-Lincroft Road
Middletown New Jersey 07748(US)

(74) Representative: **Johnston, Kenneth Graham et al**
AT&T (UK) LTD. AT&T Intellectual Property Division 5 Mornington Road
Woodford Green Essex, IG8 OTU(GB)

(54) **Telecommunication system with subscriber controlled feature modification.**

(57) An arrangement for allowing a subscriber to select telephone features from the subscriber terminal (110) is disclosed. The subscriber terminal (110) includes a touch screen display (114) and a customer premises computer (116). The terminal, in response to a touching of the appropriate area of the screen, displays a list of all possible telephone features available to this subscriber terminal together with an indication of currently subscribed features. By touching the screen in the appropriate areas, the subscriber may select features to be added or deleted. The information regarding the subscriber selection is transmitted to the central office (101) to which the terminal is connected. The central office maintains a set of software packages corresponding to each of the possible combinations of features to be selected by a subscriber and in response to information from the terminal defining a new set of features, the central office transmits the appropriate software package to the terminal. From then on,the terminal is reconfigured to provide the newly selected set of features. The software package includes screen display software showing feature function buttons which indicate the current set of features when the terminal is activated.

EP 0 365 200 A3

European Patent Office

EUROPEAN SEARCH REPORT

Application Number

EP 89 31 0359

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	TELESIS. vol. 12, no. 2, 1985, OTTAWA CA pages 21 - 25; BLOEDEN ET AL: 'Touchphone: a new generation in telephone design' * page 22, right column, line 3 - line 22 * *	1-15	H 04 Q 11/04 H 04 M 3/42
Y	NACHRICHTEN ELEKTRONIK UND TELEMATIK SPECIAL October 1986, pages 32 - 33; PETER VOS ET AL: 'BTX-Personalcomputer mit ISDN-Tauuglichheit' * the whole document * *	1-15	
A	FR-A-2 556 529 (GASNIER) * page 1, line 18 - line 22 * * * page 2, line 2 - line 18 * * * page 3, line 6 - line 25 * *	1-15	
A	EP-A-0 098 201 (THOMSON-CSF) * page 3, line 33 - page 4, line 10 * *	1-15	
A	GB-A-2 192 115 (TRILLIUM) * page 1, line 9 - line 82 * *		

TECHNICAL FIELDS SEARCHED (Int. Cl.5)
H 04 M H 04 Q G 06 F

The present search report has been drawn up for all claims

Place of search	Date of completion of search	Examiner
The Hague	31 October 91	VANDEVENNE M.J.

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
Y: particularly relevant if combined with another document of the same catagory
A: technological background
O: non-written disclosure
P: intermediate document
T: theory or principle underlying the invention

E: earlier patent document, but published on, or after the filing date
D: document cited in the application
L: document cited for other reasons

&: member of the same patent family, corresponding document

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.
As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.